L Number	Hits	Search Text	DB	Time stamp
2	54813	((tunning adj f rk) r QCM or (quarts adj	USPAT;	2003/07/30
		crystal adj micr brane) r (longitudinal))	US-PGPUB	14:25
	1	same (wellb re or bore r b reh le)	US-FGFUB	14:25
3	822630	disp sition r scale or deposit or buildup or	USPAT;	2003/07/30
_	02200	accumulation	US-PGPUB	
4	961	(((tunning adj fork) or QCM or (quarts adj		13:41
•	301	•	USPAT;	2003/07/30
		crystal adj microbrane) or (longitudinal))	US-PGPUB	13:49
		same (wellbore or bore or borehole)) same		
		(disposition or scale or deposit or buildup		
_		or accumulation)		
5	0	((((tunning adj fork) or QCM or (quarts adj	USPAT;	2003/07/30
		crystal adj microbrane) or (longitudinal))	US-PGPUB	14:32
	·	same (wellbore or bore or borehole)) same		,
		(disposition or scale or deposit or buildup		
		or accumulation)) same (monitor\$3 near4		
		(fluid or liquid))		
6	11	((((tunning adj fork) or QCM or (quarts adj	USPAT;	2003/07/30
		crystal adj microbrane) or (longitudinal))	US-PGPUB	13:45
		same (wellbore or bore or borehole)) same		
		(disposition or scale or deposit or buildup		
•		or accumulation)) and (monitor\$3 near4		
		(fluid or liquid))		
7	o	((((tunning adj fork) or QCM or (quarts adj	USPAT;	2003/07/30
,		crystal adj microbrane) or (longitudinal))	US-PGPUB	13:49
		same (wellbore or bore or borehole)) same	US-FGFUB	13:49
		(disposition or scale or deposit or buildup		
			·	
		or accumulation)) and ((measur\$3 or		
		determin\$ or monitor\$3) near3 resonance		
8		near3 frequency)		
•	0	((((tunning adj fork) or QCM or (quarts adj	USPAT;	2003/07/30
		crystal adj microbrane) or (longitudinal))	US-PGPUB	13:50
		same (wellbore or bore or borehole)) same		
,	•	(disposition or scale or deposit or buildup		
		or accumulation)) and ((measur\$3 or		
		determin\$ or monitor\$3) near7 resonance		
		near3 frequency)	!	
10	0	((((tunning adj fork) or QCM or (quarts adj	USPAT;	2003/07/30
		crystal adj microbrane) or (longitudinal))	US-PGPUB	13:52
		same (wellbore or bore or borehole)) same		
		(disposition or scale or deposit or buildup		
		or accumulation)) same ((longitudinal adj	·]	•
		mode) near3 resonator)		•
11	0	((((tunning adj fork) or QCM or (quarts adj	USPAT;	2003/07/30
	-	crystal adj microbrane) or (longitudinal))	US-PGPUB	13:52
		same (wellbore or bore or borehole)) same	55-F GF 0B	IJIJE
		(disposition or scale or deposit or buildup		
.	. [r accumulation)) and ((longitudinal adj		
1.		mode) near3 res nator)		

12		((((tunning adj f rk) r QCM or (quarts adj	USPAT;	2003/07/30
		crystal adj micr brane) r (l ngitudinal))	US-P PUE	
	}	sam (wellbor rb re rb reh le)) sam		
		(disp siti n rscale rd p sit or buildup	1	
		r accumulation)) same (I ngitudinal adj m de)		
14	587	((((tunning adj fork) or QCM or (quarts adj	USPAT;	
		crystal adj microbrane) or (longitudinal))	US-PGPUB	2003/07/30
		same (wellbore or bore or borehole)) same	03-PGPUB	13:54
		(disposition or scale or deposit or buildup		
•		or accumulation)) and (clean\$3 or remov\$2)		
15	315	(((((tunning adj fork) or QCM or (quarts adj	i i	
		crystal adj microbrane) or (longitudinal))	USPAT;	2003/07/30
		same (wellbore or bore or borehole)) same	US-PGPUB	13:57
		(disposition or scale or deposit or buildup		
		or accumulation)) and (clean\$3 or remov\$2)		
) and (horn\$4 or waveguide or plate or		
		coupler or faceplate or wearplate)	-	
16	37	(((((tunning adi fork) or OCM or (m)		
	1	((((((tunning adj fork) or QCM or (quarts adj crystal adj microbrane) or (longitudinal))	USPAT;	2003/07/30
		same (wellbore or bore or borehole)) same	US-PGPUB	14:21
		(disposition or scale or deposit or buildup		
		or accumulation)) and (along a second accumulation)	}	
		or accumulation)) and (clean\$3 or remov\$2)		
) and (horn\$4 or waveguide or plate or		
•	1	coupler or faceplate or wearplate)) and (
17	1	wellbore borehole downhole boiler)		
-			USPAT	2003/07/30
19	626	((resonance or resonant)		14:10
-	323	((resonance or resonant) same (disposition or scale or deposit or buildup or	USPAT;	2003/07/30
		accumulation)) some (US-PGPUB	14:22
		accumulation)) same (well\$3 or boiler or reactor or pipe or borehole)		1
20	7	(((resonance or resonant)		
	'	(((resonance or resonant) same (disposition	USPAT;	2003/07/30
	[or scale or deposit or buildup or	US-PGPUB	14:28
		accumulation)) same (well\$3 or boiler or		
		reactor or pipe or borehole)) and	1	
		(longitudinal near3 (resonator or]	
		(piezoelectric near3 crystal) or (tunning adj		
	.	fork) or QCM or (quarts adj crystal adj		
11	0	microbrane)))	ļ	
	U	(longitudinal near3 (resonator or resonance	USPAT;	2003/07/30
		or (piezoelectrc near3 crystal))) with	US-PGPUB	14:40
2		(monitor near3 surface)		_
-	1	(longitudinal near3 (resonator or resonance	USPAT;	2003/07/30
. 1	1	or (piezoelectrc neár3 crystal))) same	US-PGPUB	14:37
_		(monitor near3 surface)		- -
5	0	(longitudinal near3 (resonator or resonance	USPAT;	2003/07/30
5	1	or (piezoelectrc near3 crystal))) and	US-PGPUB	14:43
5]			· ~!~~
5		((measur\$3 or determin\$3 or d t ct\$3)		
		((measur\$3 or determin\$3 or d t ct\$3) near3 (resonace near3 frequency))		
6		((measur\$3 or determin\$3 or d t ct\$3)	USPAT;	2003/07/30

27	1	0 (den sit noor2		
	1	(dep sit nears m nit re) and "	or Hene-	
	1	W (ects 1 homes /		
30			e US-PGF	'UB 14:49
	9,	(Cop Sid II I Scal Francis	.	
	1			
		Total initial results and the second	US-PGP	UB 14:47
31			•	
31	4	((deposit near3 monitor\$) or (monitor\$	1	·
1	1	near3 surface)) and ((measur\$3 or	USPAT;	2003/07/30
-		determin\$3 or determin\$3 or		
1		determin\$3 or detect\$3) near3 (resonanc near3 frequency))	е	14:50
32			l.	
		("CPOSIT RearS monitore) and //	or USPAT;	
		The second of defects () none ()	US-PGPU	2003/07/30
33	15			JB 15:02
	1	(""Positas nears monitore) //	2	
		The state of the s	,	2003/07/30
34		('esonance near3 frequency)	US-PGPU	B 15:02
-	707	(73/579).CCLS.	1	
36			USPAT;	2003/07/30
30	157	(73/651).CCLS.	US-PGPU	B 15:03
	1		USPAT;	2003/07/30
35	95	((73/579).CCLS.) and ((measur\$3 or	US-PGPUE	3 15:03
		determin\$3 or determin\$3 or		2003/07/30
		determin\$3 or detect\$3) near3 (resonance near3 frequency))	US-PGPUE	<u>. </u>
37	9			17:52
	_	((73/651).CCLS.) and ((measur\$3 or	USPAT;	
		Total IIII 33 or detect\$3) none3 (US-PGPUB	2003/07/30
19	0		OSTRUB	15:22
		(monitor near3 surface near3 (fluid or	1100	
		" " and ((Measures or det :	USPAT;	2003/07/30
		reary (resonance mana)	US-PGPUB	15:23
0		···equency))		
	43	(monitor near3 (fluid or liquid)) and	1	
		\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	USPAT;	2003/07/30
,	1	(resonance near3 from and)	US-PGPUB	17:12
'	4	("2227316").PN.		.
		· · · · · · · · · · · · · · · · · · ·	DERWENT	2003/07/30
i .	5	(monitor\$3 near3 (deposits or dispostion or		17:48
	1 :	scale or accumulation	EPO; JPO;	2003/07/30
	1.	scale or accumulation or buildup)) and	DERWENT	18:21
	1	((measur\$3 or determin\$3 or detect\$3)		10:21
1	, ,	Tario (resultance nears from	ŀ	
	٠, ١	monitoras nears (denosite or dis-	USPAT;	200010
	,	The state of the s	US-PGPUB	2003/07/30
	j V	(medsurps or determines and determines	A2-LGLOR	18:21
	n	ear3 (resonance near3 frequency))	ł	